

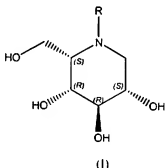
## AMENDMENT TO THE CLAIMS

Please amend the claims as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application.

### **Listing of Claims:**

1. (Currently amended) A compound of formula (I) in free or pharmaceutically acceptable salt ~~or C<sub>1-4</sub>alkyl ester prodrug form~~:



wherein

R is -C<sub>1-3</sub>alkylAr<sup>1</sup> where Ar<sup>1</sup> is phenyl;

wherein phenyl is substituted by one or more substituents selected from CN, CON(R<sup>1</sup>)<sub>2</sub>, SO<sub>n</sub>R<sup>2</sup>, SO<sub>2</sub>N(R<sup>1</sup>)<sub>2</sub>, N(R<sup>5</sup>)<sub>2</sub>, N(R<sup>1</sup>)COR<sub>2</sub>, N(R<sup>1</sup>)SO<sub>n</sub>R<sup>2</sup>, C<sub>0-6</sub>alkylAr<sup>2</sup>, C<sub>2-6</sub>alkenylAr<sup>2</sup> and C<sub>3-6</sub>alkynylAr<sup>2</sup>

wherein one or more of the -CH<sub>2</sub>- groups of the alkyl chain may be replaced with a heteroatom selected from O, S and NR<sup>3</sup>, provided that when the heteroatom is O, at least two -CH<sub>2</sub>- groups separate it from any additional O atom in the alkyl chain; or two adjacent substituents on the Ar<sup>1</sup> phenyl may together form a fused 5- or 6-membered saturated or unsaturated ring wherein the ring optionally contains 1 or 2 heteroatoms selected from O, S and NR<sup>4</sup> and is optionally substituted by one or more substituents selected from, an oxo group, C<sub>1-6</sub>alkyl and C<sub>0-3</sub>alkylAr<sup>4</sup>;

and the Ar<sup>1</sup> phenyl is optionally substituted by one or more additional substituents selected from F, Cl, Br, CF<sub>3</sub>, OCF<sub>3</sub>, OR<sup>3</sup> and C<sub>1-6</sub>alkyl;

R<sup>1</sup> is H, C<sub>1-6</sub>alkyl optionally substituted by OH, Ar<sup>3</sup>, or C<sub>1-6</sub>alkylAr<sup>3</sup>, or the group N(R<sup>1</sup>)<sub>2</sub> may form a 5- to 10-membered heterocyclic group optionally containing one or more additional

heteroatoms selected from O, S and  $\text{NR}^3$  and is optionally substituted by an oxo group;  
 $\text{R}^2$  is  $\text{C}_{1-6}$ alkyl optionally substituted by OH,  $\text{Ar}^3$ , or  $\text{C}_{1-6}$ alkyl $\text{Ar}^3$ ;  
 $\text{R}^3$  is H, or  $\text{C}_{1-6}$ alkyl;  
 $\text{R}^4$  is H,  $\text{C}_{1-6}$ alkyl or  $\text{C}_{0-3}$ alkyl $\text{Ar}^4$ ;  
 $\text{R}^5$  is H,  $\text{C}_{1-6}$ alkyl optionally substituted by OH,  $\text{Ar}^3$ , or  $\text{C}_{1-6}$ alkyl $\text{Ar}^3$ , or the group  $\text{N}(\text{R}^5)_2$  may form a 5- to 10-membered heterocyclic group optionally containing one or more additional heteroatoms selected from O, S and  $\text{NR}^3$  and is optionally substituted by an oxo group;  
 $\text{Ar}^2$  and  $\text{Ar}^3$  are independently phenyl or a 5- to 10-membered heteroaryl group containing up to 3 heteroatoms selected from O, S and  $\text{NR}^3$ , which may be optionally substituted by one or more substituents selected from F, Cl, Br, CN,  $\text{CF}_3$ ,  $\text{OCF}_3$ ,  $\text{OR}^3$  and  $\text{C}_{1-6}$  alkyl;  
 $\text{Ar}^4$  is phenyl or pyridyl either of which may be optionally substituted by one or more substituents selected from F, Cl, Br, CN,  $\text{CF}_3$ ,  $\text{OCF}_3$ ,  $\text{OR}^3$  and  $\text{C}_{1-6}$  alkyl; and  
 $n = 0, 1$  or  $2$ .

2. (Previously presented) The compound as defined in claim 1 wherein R is  $\text{C}_1$ alkyl $\text{Ar}^1$ .

3. (Previously presented) The compound as defined in claim 1, wherein  $\text{Ar}^1$  is phenyl, wherein phenyl is substituted as defined in claim 1.

4. (Previously presented) The compound as defined in claim 1, wherein  $\text{Ar}^1$  is phenyl, wherein phenyl is substituted by one or more substituents selected from CN,  $\text{CON}(\text{R}^1)_2$ ,  $\text{N}(\text{R}^5)_2$  and  $\text{C}_{0-6}$  alkyl $\text{Ar}^2$  wherein one or more of the  $-\text{CH}_2-$  groups of the alkyl chain may be replaced with a heteroatom selected from O, S and  $\text{NR}^3$ , provided that when the heteroatom is O, at least two  $-\text{CH}_2-$  groups separate it from any additional O atom in the alkyl chain, or two adjacent substituents on the  $\text{Ar}^1$  phenyl may together form a fused 5- or 6-membered saturated or unsaturated ring wherein the ring optionally contains 1 or 2 heteroatoms selected from O and  $\text{NR}^4$  and is optionally substituted by one or more substituents selected from, an oxo group,  $\text{C}_{1-6}$ alkyl and  $\text{C}_{0-3}$ alkyl $\text{Ar}^4$ , and the  $\text{Ar}^1$  phenyl is optionally substituted by one or more additional substituents selected from F, Cl, Br,  $\text{CF}_3$ ,  $\text{OCF}_3$ ,  $\text{OR}^3$  and  $\text{C}_{1-6}$ alkyl.

5. (Previously presented) The compound as defined in claim 1, wherein Ar<sup>1</sup> is phenyl, wherein phenyl is substituted by one or more substituents selected from CN, CON(R<sup>1</sup>)<sub>2</sub>, N(R<sup>3</sup>)<sub>2</sub> and C<sub>0-6</sub>alkylAr<sup>2</sup> wherein one or more of the -CH<sub>2</sub>- groups of the alkyl chain may be replaced with O, provided that at least two -CH<sub>2</sub>- groups separate it from any additional O atom introduced into the alkyl chain and the Ar<sup>1</sup> phenyl is optionally substituted by one or more additional substituents selected from F, Cl, Br, CF<sub>3</sub>, OCF<sub>3</sub>, OR<sup>3</sup> and C<sub>1-6</sub>alkyl.

6. (Previously presented) The compound as defined in claim 1, wherein Ar<sup>2</sup> is phenyl which is optionally substituted by one or more substituents selected from F, Cl, Br, CN, CF<sub>3</sub>, OCF<sub>3</sub>, OR<sup>3</sup> and C<sub>1-6</sub>alkyl.

7. (Previously presented) The compound as defined in claim 1, wherein R<sup>1</sup> is H, C<sub>1-6</sub>alkyl or C<sub>1-6</sub>alkylAr<sup>3</sup>.

8. (Previously presented) The compound as defined in claim 1, wherein R<sup>2</sup> is Ar<sup>3</sup> or C<sub>1-6</sub>alkylAr<sup>3</sup>.

9. (Previously presented) The compound as defined in claim 1, wherein Ar<sup>3</sup> is phenyl which may be optionally substituted by one or more substituents selected from F, Cl, Br, CN, CF<sub>3</sub>, OCF<sub>3</sub>, OR<sup>3</sup> and C<sub>1-6</sub>alkyl.

10. (Previously presented) The compound as defined in claim 1, wherein R<sup>5</sup> is C<sub>1-6</sub>alkyl.

11. (Currently amended) A compound selected from

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[2-methoxy-4-(phenylmethoxy)phenyl]methyl],  
(2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[[2-chloro-4-(dimethylamino)phenyl]methyl]-2-(hydroxymethyl)-,

(2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[(3-cyano-4-dimethylamino-2-fluorophenyl)methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[(4-acetylamino)phenyl)methyl]-2-(hydroxymethyl). (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[(2,3-dihydrobenzofuran-5-yl)methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

Benzamide, N-[(4-fluorophenyl)methyl]-4-[[2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]-;

Benzamide, N-[1-phenylethyl]-4-[[2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]-methyl]-;

Benzamide, N-[1-(R)-(4-fluorophenyl)ethyl]-4-[[2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]-;

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[3-(phenylmethoxy)phenyl)methyl]-. (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[3-chloro-4-(phenylmethoxy)phenyl)methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[4-(phenylmethoxy)phenyl)methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[4-dibutylamino)phenyl)methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[(4-*trans*-styrylphenyl)methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

Quinoline, 1-[4-[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl)methyl]-benzoyl-1,2,3,4-tetrahydro-;

Benzamide, N-[phenylmethyl]-4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl]-methyl]-;

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-(quinolin-6-yl)methyl-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[(3-cyano-4-(dimethylamino)phenyl)methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[(3-cyano-4-(diethylamino)-2-fluorophenyl)-methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[(4-phenoxyphenyl)methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[(3,4-ethylenedioxyphenyl)methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

Benzamide, N-[4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl]-methyl]phenyl]-;

Benzenesulfonamide, N-[4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl)methyl]-phenyl]-;

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[4-(2-pyridyl)phenyl)methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[(2-phenyl-2H-1,4-benzoxazin-3(4H)-one-6-

yl)methyl]-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[[3,5-dimethyl-4-(phenylmethoxy)phenyl]methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

3,4,5-Piperidinetriol, 1-[[3-cyano-4-[N-butyl-4-N-(2-hydroxyethyl)amino]phenyl]methyl]-2-(hydroxymethyl)-, (2S,3R,4R,5S);

Phenylacetamide, N-[4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]phenyl]-;

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[(2-hexyl-2*H*-1,4-benzoxazin-3(4*H*)-one-6-yl)methyl]-, (2S,3R,4R,5S);

Benzenesulfonamide, N-[1-(S)-(4-fluorophenyl)ethyl]-4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]-;

[2-(S)-phenyl]propionamide, N-[4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]phenyl]-;

3,4,5-Piperidinetriol, 2-(hydroxymethyl)-1-[[2-propyl-2*H*-1,4-benzoxazin-3(4*H*)-one-6-yl)methyl]-, (2S,3R,4R,5S);

[2-(R)-phenyl]propionamide, N-[4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]phenyl]-;

Benzamide, N-[1-(S)-phenylethyl]-4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidiny]methyl]-;

Benzamide, N-[1-(R)-phenylethyl]-4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl]methyl]-;

Benzamide, N-[(4-fluorophenyl)methyl]-N-methyl-4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl]methyl]-;

Benzamide, N-hexyl-4-[[[(2S,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)-1-piperidinyl]methyl]-;

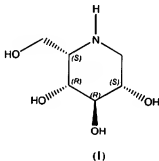
in free[~~(,)~~] or pharmaceutically acceptable salt or ~~C<sub>1-4</sub>alkyl ester prodrug~~ form.

12. (Canceled).

13. (Previously Presented) A pharmaceutical composition comprising a compound of formula (I) as defined in claim 1, together with one or more pharmaceutically acceptable carriers, excipients and/or diluents.

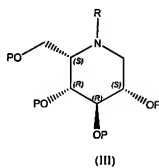
14. (Previously Presented) A process for the preparation of a compound of formula (I) as defined in claim 1, the process comprising:

a) reductive amination of an aldehyde of formula  $R^5CHO$  wherein  $R^5$  is  $C_{0-2}alkylAr^1$  where  $Ar^1$  is as defined in claim 1, with a compound of formula (II):



or

b) deprotection of a compound of formula (III):



wherein R is as defined in claim 1, and P, which may be the same or different, are hydroxy protecting groups.

15-30. (Cancelled)